Data Sheet

We make sure

FUJITSU COMPUTERS SIEMENS

LIFEBOOK S7020
Your best friend on the move

Issue November 2005

Second generation of LIFEBOOK S7020

Pages 5

The LIFEBOOK S Series is the best friend of a frequent traveller, leaving no compromises: The sturdy notebook keeps the balance between low weight, high-end performance and modularity. It features brilliant 14.1-inch displays for any demand. This highly-portable notebook with latest technology offers maximum performance and extraordinary ergonomics, thus the new LIFEBOOK S7020 continues dominating this product segment.

The combination of performance, modularity and flexibility gives you the functionality and ease of use of a full-sized PC. Intel® Centrino™ Mobile Technology[2)] delivers high performance and long working away from the power socket.

This notebook is designed for highest quality with extensive testing and extra-strong magnesium lid.

Mobility

Convenient to carry
- Slim-light stylish design
- Lightest modular 14.1-inch notebook with only 1.74 kg[1)]

Ergonomics and flexibility outside the office
- 14.1-inch TFT-display for maximum viewing comfort
- Excellent resolution and video quality
- Modular bay fitting an extra hard disk drive, optical disk drive or battery
- Dual pointing devices: Touchpad and touchstick for comfortable working
- Fully sized keyboard
- Small in size but great expandability with maximum ports

Ideal connectivity on the road and in the office
- Bluetooth and Wireless LAN optional integrated
- Optional Port Replicator for easy connection to all your peripherals, compatible with LIFEBOOK C and E Series

Long independence from power source
- Long lasting battery for independent working with first and second battery
- Power-saving Intel® Pentium® M Processor support

Remote administration while traveling
- Easy and remote administration with DeskView® client management
- ManageIT: software suites with best integration into your IT environment optionally available

Security to protect your sensible data away from the office
- Easy and secure access and data protection with security panel
- Trusted Platform Module (TPM) provides more secure applications and makes transaction trustworthy (for projects only)
- Built-in SmartCard reader and optional SecureIT: software suite with best integration into your IT environment
- Mobile security via built-in Security Panel

Robustness on the run
- Integration of Japanese innovation and German quality standard for low failure rates
- Award-winning best-in-class manufacturing
- Highest quality design with magnesium lid
- Hard disk drive shock absorbers minimize data loss and guarantee a higher reliability of your data
- Mechanical and function stability through extensive quality tests
- RoHS compliant for environmental friendly working

Bäst i test 2005 MikroDatorn

[1)] with basic variant only
[2)] Optional, if Intel PRO/Wireless 2200BG module is integrated.
LIFEBOOK Series without Intel WLAN module are branded with letter “D” e.g.

Software Suites

ManageIT Suites	SecureIT Suite[1)]
ManageIT Suites Migration • Increase efficiency of software and operating system deployment, manage software patches and migrate user settings with Altiris software solutions **ManageIT Suite Controlling** • Enhance your multivendor hard- and software inventory, manage the use of application software licenses effectively and support your end user remotely with software solutions from Altiris	**SICRYPT SMARTY** ■ Windows access protection with SmartCard ■ Prevention of unauthorized access to PC / network **SmartCase™** ■ File encryption for data protection ■ Secure password container ■ Comfortable and secure password protection ■ Simple and secure password storage **E-Mail Encryption with SmartCard[2)]** ■ Secure and easy to use encrypted e-mail **SmartCard** ■ Standardized technology for use in several applications **SystemLock** ■ Pre-boot access protection with SmartCard ■ Prevention of unauthorized booting of PC

1) SmartCard reader / writer mandatory
2) uses native support from Microsoft Windows Operating Systems

System	LIFEBOOK S7020 basic	LIFEBOOK S7020 supreme	LIFEBOOK S7020 value (for projects only)
Processor			
Intel Pentium M Processor	730 (1.60 GHz) / 740 (1.73 GHz) / 750 (1.86 GHz) / 760 (2.00 GHz) / 770 (2.13 GHz)	730 (1.60 GHz) / 740 (1.73 GHz) / 750 (1.86 GHz) / 760 (2.00 GHz) / 770 (2.13 GHz)	730 (1.60 GHz) / 740 (1.73 GHz) / 750 (1.86 GHz) / 760 (2.00 GHz) / 770 (2.13 GHz)
Second level cache	2048 KB	2048 KB	2048 KB
Front side bus (FSB)	533 MHz	533 MHz	533 MHz
Chipset			
Northbridge	Intel 915GM	Intel 915GM	Intel 915GM
Southbridge	ICH 6-M	ICH 6-M	ICH 6-M
Memory			
DDR2-533 SDRAM, 533 MHz, max	up to 2 GB	up to 2 GB	up to 2 GB
DIMM slots	2	2	2
BIOS			
BIOS Flash EPROM	Phoenix First BIOS	Phoenix First BIOS	Phoenix First BIOS
Interfaces			
Infrared link (Fast IrDa 1.1, 4 Mbps)	1	1	1
Type I/II PC Card slot	1	1	1
Express card 34/54	1	1	1
USB 2.0	3	3	3
S-Video out (TV-out)	1	1	1
VGA	1	1	1
Modem RJ-11	1	1	1
LAN RJ-45	1	1	1
Audio-in (line-in / microphone)	1	1	1
Audio-out (line-out / headphone)	1	1	1
DC-in	1	1	1
IEEE1394	1	1	1
Docking connector for Port Replicator	1	1	1
Port Replicator interfaces (optional):			
USB 2.0	4	4	4
VGA	1	1	1
Serial port	1	1	1
Parallel port	1	1	1
LAN RJ-45	1	1	1
PS/2	1	1	1
DC-in	1	1	1
Microphone	1	1	1
Headphone	1	1	1
DVI-D port	1	1	1
Power on switch	1	1	1
Kensington Lock	1	1	1
Modem on board			
56K V.92 modem MDC1.5	1	1	1
LAN on board			
built-in 10/100/1000 Mbps GBLAN Broadcom 5751-M	x	x	x
Wireless Technologies (WLAN)			
Import and usage acording to country-specific regulations.			
Dual band diversity antenna			
Intel PRO/Wireless 2200BG	optional	optional	optional
Intel PRO/Wireless 2915 a/b/g	optional *	optional *	optional
WiFi certified	x	x	x
* for made4you customizing projects only			
Bluetooth			
Bluetooth V1.2	optional	optional	optional
Audio			
Stereo speakers	x	x	x
Sound chip	RealTek ALC260	RealTek ALC260	RealTek ALC260
Keyboard and pointing device			
Keyboard	85 keys, 19mm pitch, 3mm key stroke	85 keys, 19mm pitch, 3mm key stroke	85 keys, 19mm pitch, 3mm key stroke
Touchpad	with two mouse buttons and one scroll buttons	with two mouse buttons and one scroll buttons	with two mouse buttons and one scroll buttons
Touchstick	x	x	x
Launch keys	x	x	x
Status LCD (status panel)	x	x	x

System	LIFEBOOK S7020 basic	LIFEBOOK S7020 supreme	LIFEBOOK S7020 value (for projects only)
Graphics			
Intel GMA 900 with 256-bit graphics core with dynamic video memory technology up to 128MB, 32-bit color depth	x	x	x
Direct X9	x	x	x
Pixelshader 2.0	x	x	x
DualView (Windows XP)	x	x	x
Display			
14.1-inch TFT XGA (ultra light) / 1024 x 768 pixel	x	-	-
14.1-inch TFT SXGA+ / 1400 x 1050 pixel	-	x	-
14.1-inch TFT XGA-SPWG / 1024 x 768 pixel	-	-	x
Max. resolution for external displays	1600 x 1200 / true color / 85 Hz	1600 x 1200 / true color / 85 Hz	1600 x 1200 / true color / 85 Hz
Hard disk drives (internal) *			
40 GB S-ATA 150 (5400 rpm)	x	x	x
60 GB S-ATA 150 (5400 rpm)	x	x	x
80 GB S-ATA 150 (5400 rpm)	x	x	x
120 GB S-ATA 150 (5400 rpm) (via made4you)	x	x	x
* 1 Gbyte equals one billion bytes, when referring to hard disk drive capacity; accessible capacity may vary, also depending on used software and tool.			
Modular Drives			
DVD-ROM	x	x	x
Combo	x	x	x
DVD+/- RW Dual layer (+R) Multiformat DVD writer with double layer support	x	x	x
More information in specific Data Sheet: http://www.fujitsu-siemens.com/optical_drives/			
Manageability			
DeskView 5.x	**x**	**x**	**x**
DeskAlert	x	x	x
DeskFlash	x	x	x
DeskInfo	x	x	x
DeskOff	x	x	x
DeskWoL	x	x	x
DeskView Browser	x	x	x
DeskView 10	**x**	**x**	**x**
On/Offline remote client management	x	x	x
Database support	x	x	x
Inventory Management	x	x	x
Reports	x	x	x
BIOS Management	x	x	x
Power Management	x	x	x
Notifications	x	x	x
Security Remote Control	x	x	x
Helpdesk Integration	x	x	x
DeskUpdate	**x**	**x**	**x**
Driver Update	x	x	x
DeskView Migrate			
Software Deployment and Migration Suite	optional	optional	optional
DeskView Control			
Advanced Hard-and Softwareinventory Suite	optional	optional	optional
Mobile management			
PXE (only combinated with built-in LAN)	x	x	x
WoL	x	x	x
WoM	x	x	x
Built-in network controller with Wake-on LAN support	x	x	x
S.M.A.R.T.	x	x	x
Security			
Password from resume	x	x	x
Kensington Lock support	x	x	x
Trusted Platform module	x	x	x
Biometric fingerprint sensor	x *	x *	x *
Built-in Security Panel with PIN code	x	x	x
Hard disk password	x	x	x
SmartCard controller integrated in PC Card controller with system lock support	x	x	x
User and supervisor BIOS password	x	x	x
Boot sector write protection	x	x	x
Boot sector virus protection	x	x	x

System	LIFEBOOK S7020 basic	LIFEBOOK S7020 supreme	LIFEBOOK S7020 value (for projects only)
Power supply			
1st Li-Ion battery 6 cell 4800mAh (51.8Wh)	x	x	x
1st Li-Ion battery 6 cell 5200mAh (56.2 Wh)	x (available end of Nov.)	x (available end of Nov.)	x (available end of Nov.)
2nd Li-Ion battery 6 cell 3800mAh (41Wh) (Option)	x	x	x
Battery runtime:			
First battery * (Mobile Mark 2002) [up to]	4 h 45 min new battery: tbd.	4 h 45 min new battery: tbd.	4 h 45 min new battery: tbd.
First + Second battery * (Mobile Mark 2002)	up to 8 h 45 min	up to 8 h 45 min	up to 8 h 45 min
AC adapter 19V/60W Adapter			
Rated voltage (AC input) 100 - 240 V Rated frequency 50 - 60 Hz DC output 19 V, 3.15 A	x	x	x
* Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.			
Operating temperatures			
Relative humidity (non-condensing)	20 % - 85 % (running)	20 % - 85 % (running)	20 % - 85 % (running)
Ambient temperature	5° - 35° C	5° - 35° C	5° - 35° C
Dimensions / Weight			
Dimensions (H x W x D)	33.5 x 306 x 248 mm	33.5 x 306 x 248 mm	33.5 x 307 x 249 mm
Weight*	1.74 kg	1.76 kg	1.79 kg
* Weight may vary depending on actual configuration			
Certificates			
CE! (Wireless)	x	x	x
CE (Emission/Immunity)	x	x	x
GS (German ergonomic approval)	x	x	x
CB (Safety)	x	x	x
RoHS	x (from Nov.)	x (from Nov.)	x (from Nov.)
TBR21	x	x	x
Energy Star	x	x	x
Wifi certified	x	x	x
Operating System			
Fujitsu Siemens Computers recommends			
Microsoft® Windows® XP Professional			
Microsoft Windows XP Professional, Windows Vista™ capable	x	x	x
Software (compatibility / preinstalled)			
Adobe Acrobat Reader	x	x	x
Application panel tool	-	-	-
Driver and Utility CD	x	x	x
Easy Guide on-line user documentation	x	x	x
Nero burning	x (with combo or DVD RW drive)	x (with combo or DVD RW drive)	x (with combo or DVD RW drive)
Norton Internet Security (incl. Firewall) on Driver and Utility CD	-	-	-
Norton Ghost	x	x	x
F-Secure Antivirus	x	x	x
Security panel application	x	x	x
TPM software (with TPM module only)	x	x	x
Broadcom BTW	x (with Bluetooth)	x (with Bluetooth)	x (with Bluetooth)
Odyssey Client	x	x	x
WinDVD for MPEG II decode	x (with combo oder DVD RW drive)	x (with combo oder DVD RW drive)	x (with combo oder DVD RW drive)
Windows 2000 driver support	-	-	-
Accessories (order number)			
AC-adapter	S26391-F2474-L500	S26391-F2474-L500	S26391-F2474-L500
Case	Supreme case midi S26391-F119-L70	Supreme case midi S26391-F119-L70	Supreme case midi S26391-F119-L70
Port Replicator	S26391-F2599-L900	S26391-F2599-L900	S26391-F2599-L900
Battery	Second Li-Ion battery S26391-F2599-L380	Second Li-Ion battery S26391-F2599-L380	Second Li-Ion battery S26391-F2599-L380
http://www.fujitsu-siemens.com/accessories/			

All rights, including rights created by patent grant or registration of a utility model or design as well as rights of technical modifications are reserved. Delivery subject to availability. Designations may be trademarks, the use of which by third parties for their own purposes may violate the rights of the trademark owners.

Copyright © Fujitsu Siemens Computers,10/2005

Published by

Fujitsu Siemens Computers
http://www.fujitsu-siemens.com/

Company stamp